



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
STATE PUBLIC HEALTH LABORATORY  
**ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT**

**RECEIVED**

By Carol Day at 7:33 am, Mar 09, 2015

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and whenever instrument is repaired. Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN 26999	PRINTER SN 13.1891.096	DATE OF INSPECTION 3/6/15
LOCATION OF INSTRUMENT (STREET AND CITY) 501 FARAON, ST. JOSEPH		TIME OF INSPECTION 2207

**CHECKLIST:** Place a mark in the box by each item it found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unmarked items must be corrected before using instrument.

☒ DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)

☒ TEMPERATURE OF ALCO SENSOR (1 O-C - 40-C)

☒ PRINTER WORKING PROPERLY

☒ TIME AND DATE DISPLAYING PROPERLY

**BREATH ALCOHOL ACCURACY STANDARDS**

☐ SIMULATOR SOLUTION ☒ COMPRESSED ETHANOL-GAS MIXTURE

☒ STANDARD SUPPLIER INTOXIMETERS LOT # AG428002 EXP. DATE 10-07-2016

☐ SIMULATOR TEMPERATURE (34°C ± 0.2°C) \_\_\_\_\_ SIMULATOR SN \_\_\_\_\_ SIMULATOR EXP DATE \_\_\_\_\_

☒ CALIBRATION CHECK - (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)

Run three tests using a standard solution. All three tests must be within ±5% of the standard value and must have a spread of .005 or less. Check the box corresponding to the standard solution being used. (PRINTOUT ATTACHED)

- ☒ 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE  
☐ 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE  
☐ 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 - .101	TEST 2 - .100	TEST 3 - .100
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☒ RFI DETECTOR OPERATING

**INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:**  
(DO NOT INCLUDE SELF-ADMINISTERED TESTS)

REFUSALS	0	(0-.04)	0	(.05-.09)	0	(.10-.14)	0	(.15-.19)	0	(OVER .19)	0
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List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary).

<b>INSPECTING OFFICER</b>	
SIGNATURE 	PRINT NAME ROBERT PAUL
TYPE II PERMIT NUMBER/EXPIRATION DATE 230306 12-11-2015	TELEPHONE NUMBER 816-271-4777

**Return completed report to the:** Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office  
2875 James Boulevard  
Poplar Bluff, MO 63901

AS IV Serial no: 026999  
Version no: 7409

TEST RECORD 01620

Temp Date Time 210L  
a/

Air Blank:

03/06/15 22:10 .000

Calibration Check:

20 03/06/15 22:10 .101

Subject Name

Subject I.D.

Operator Name, I.D.

*APM* 5444

Location

AS IV Serial no: 026999  
Version no: 7409

TEST RECORD 01621

Temp Date Time 210L  
a/

Air Blank:

03/06/15 22:13 .000

Calibration Check:

21 03/06/15 22:13 .100

Subject Name

Subject I.D.

Operator Name, I.D.

*APM* 5444

Location

AS IV Serial no: 026999  
Version no: 7409

TEST RECORD 01622

Temp Date Time 210L  
a/

Air Blank:

03/06/15 22:17 .000

Calibration Check:

22 03/06/15 22:17 .100

Subject Name

Subject I.D.

Operator Name, I.D.

*APM* 5444

Location

AS IV Serial no: 026999  
Version no: 7409

TEST RECORD 01623

Temp Date Time 210L  
a/

Void: RFI

12 03/06/15 22:19

Subject Name

Subject I.D.

Operator Name, I.D.

*APM* 5444

Location



Airgas USA LLC (LAB)  
3500 Bernard Street  
St. Louis, Mo. 63103  
Ph: (314) 533-3100  
Fax: (314) 533-7328

## Certificate of Analysis

**Customer Name**

Intoximeters, Inc.  
2081 Craig Road  
St. Louis, Mo 63146

**Test Date:** 8-Oct-2014

Lot # AG428002

**Exp. Date**

7-Oct-2016

**Cyl. Type**

108

**Component**

Ethanol  
Nitrogen

**Certified Concentration**

0.100  $\pm$  2% BrAC (272 ppm)  
Balance

Certification Traceable to N.I.S.T. RGM Ethanol Standards:

**Serial No.**

EB0010581  
EB0010570  
EB0010285  
EB0010561  
EB0010681

**Concentration**

391.8 ppm  
259.8 ppm  
209.0 ppm  
103.7 ppm  
52.22 ppm

**Serial No.**

EB0010603  
EB0010559  
EB0010595  
EB0010562  
EB0010579

**Concentration**

392.5 ppm  
258.9 ppm  
208.9 ppm  
104.9 ppm  
52.94 ppm

**Analytical Method:**

NDIR

Digitally signed by Quality Control  
Date: 2014.10.08 12:15:00 -05:00  
Reason: Dry gas standard certification of analysis  
Location: Airgas USA LLC (Lab)

Analyst: \_\_\_\_\_

Rod Marsala

ISO 17025:2005 A2LA accredited. Certificate Number 2989.01



STATE OF MISSOURI  
DEPARTMENT OF HEALTH AND SENIOR SERVICES  
BREATH ALCOHOL PROGRAM

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**PERMIT**  
**TYPE II**  
**ROBERT L PAUL**

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and repairs, and operate the following breath analyzer(s):

**ALCO-SENSOR IV WITH PRINTER, DATAMASTER**

for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

DATE 12/11/2013

NUMBER 230306

EXPIRES 12/11/2015

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

acting director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

LAB-4 (R6-10)



STATE OF MISSOURI  
DEPARTMENT OF HEALTH AND SENIOR SERVICES  
BREATH ALCOHOL PROGRAM

**INSTRUMENT OPERATOR CARD**

The named cardholder is authorized to operate an evidential breath alcohol instrument for the determination of the alcoholic content in breath form of expired air in Missouri.



Operator PAUL, ROBERT  
Permit No 230306  
Date Issued 12/11/2013 Date Expires 12/11/2015